

Tentative List of Participants in the H-2/HLA Program Workshop  
April 3rd through 5th, 1992  
Villas by the Sea, Jekyll Island, Georgia

Session I: Molecular Biology - Evolution

Ozato, Keiko NIH	Regulation of MHC class I genes by cloned transcription factors
Ting, Jenny Univ. of North Carolina	Class II transcriptional regulation
Benoist, Christopher Strassbourg	The HLA-DP <sub>β1</sub> locus and its evolutionary past: is it different from other class II loci?
Kaufman, Jim Basel Institute	Evolution of the MHC
Auffray, Charles Paris	Chicken MHC complex and HLA class II - CD4 interaction
Allsop, Catherine Oxford	Extensive HLA polymorphism is observed in sub-Saharan Africa with some alleles affording protection against severe malaria

Session II: New genes, and new approaches to finding genes

Weissman, Sherman Yale	Results of new cloning approach for detecting genes of MHC and transacting factors interacting with them
Teuscher, Cory Univ. of Utah	The utilization of Random Amplified Polymorphic DNA (RAPD) sequences in the analysis of MHC associated polymorphisms
Trowsdale, John Imperial Cancer Research Fund	The role of RING genes
Monaco, John Medical College of Virginia	Cloning and expression of proteosome genes
Fischer-Lindahl, K. Howard Hughes Institute Dallas	New MHC class I genes of the H-2M region
Jones, Pat Stanford	A novel form of polymorphism in class II proteins
Hammerling, Gunter J. Heidelberg	The MHC encodes proteosome subunits

### Session III: Peptides

Englehard, Victor Univ. of Virginia	Self peptides bound to HLA
Cresswell, Peter Yale	Peptides and MHC protein transport
Kvist, Sune Ludwig Institute for Cancer Research	In vitro assembly of MHC class I antigens
Mathenson, Stanley Albert Einstein Institute	MHC and peptide selection
Schwartz, Benjamin Monsanto	Orientation of antigenic peptide in the MHC class II groove

### Session 4: Structure and function of class I and II

Kourilsky, Phillippe Pasteur Institute	Putative geometries of the MHC-peptide-TCR complex
Strominger, Jack L. Harvard	Structure of class I MHC molecules and its analysis with mutants
Frelinger, J. A. Univ. Of North Carolina	Mutational analysis of HLA-A2
Karp, David R. Univ. of Texas Southwestern	Localization of amino acid residues responsible for enterotoxin binding to HLA-DR
Bishop, Gail A. Iowa	Structural and biochemical aspects of class II MHC as a signal receptor
Hunt, Stephen Univ. Of North Carolina	Characterization of the M2 class I protein

### Session 5: Repertoire selection

Parnes, Jane R. Stanford	The role of CD8 and CD4 in thymic selection and T cell reactivity to MHC proteins
Arnold, Bernd Heidelberg	Mechanisms of peripheral tolerance in transgenic mice

Taurog, Joel  
Univ. of Texas  
Southwestern

HLA-B27 transgenic rats with inflammatory diseases

David, Chella  
Mayo Clinic

Processing transport and expression of HLA-B27 in transgenic mice

Forman, James  
Univ. of Texas  
Southwestern

Negative and positive selection of antigen-specific cytotoxic T lymphocytes affected by the 3 domain of MHC I molecules

Session 6: Antigen processing

Sette, Alessandro  
Cytel

Antigen analog/MHC complexes act as antagonists of the T cell receptor

Smilek, Dawn  
Stanford

Peptide immunotherapy in autoimmune disease

Brodsky, Frances  
UCSF

Intracellular routes for antigen processing and presentation

Germain, Ronald  
NIH

Invariant chain and peptide control of class II transport and folding

Delovitch, Terry  
Univ. of Toronto

Influence of MHC class II on antigen processing